

CLAIMS

1. A pancreas-specific gene which comprises a base sequence coding for a protein having the amino acid sequence shown under SEQ ID NO:1.
- 5 2. A gene as claimed in Claim 1 which is a human gene.
3. A gene as claimed in Claim 1 which is defined by the base sequence shown under SEQ ID NO:2.
- 10 4. A gene as claimed in Claim 3 which is a human gene.
5. A pancreas-specific gene which is either of the polynucleotides defined below under (a) and (b):
  - (a) a polynucleotide containing the whole or part of the nucleotide sequence shown under SEQ ID NO:2;
  - 15 (b) a polynucleotide capable of hybridizing with a DNA having the nucleotide sequence shown under SEQ ID NO:2 under stringent conditions.
6. A gene as claimed in Claim 5 which is a human gene.
- 20 7. A gene as claimed in Claim 5 which is a DNA fragment usable as a specific probe or specific primer in detecting the pancreas-specific gene defined in Claim 1.
8. A pancreas-specific protein having the amino acid sequence shown under SEQ ID NO:1.
- 25 9. An antibody capable of binding to the pancreas-

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specific protein defined in Claim 8.